

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6,218,282".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:47
L2	2	"20050127516".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L3	12	("20020063337"   "20030036256"   "20030173668"   "20030194863"   "6372586"   "6410435").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L4	4098461	via wiht tungsten with line with copper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L5	339	via with tungsten with line with copper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L6	159	via with tungsten with line with copper	USPAT	OR	ON	2009/04/10 16:51
L7	11	tungsten near1 plug with copper near1 line	USPAT	OR	ON	2009/04/10 16:51
L8	13	tungsten near1 plug same copper near1 line	USPAT	OR	ON	2009/04/10 16:51
L9	2	L8 not L7	USPAT	OR	ON	2009/04/10 16:51
L10	10	tungsten near1 plug same copper near1 line	US-PGPUB	OR	ON	2009/04/10 16:51
L11	2	"20050127516".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L12	1540	(257/763).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/10 16:51

L13	566	L12 and copper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L14	430	L12 and copper	USPAT	OR	ON	2009/04/10 16:51
L15	2	("5990001"   "6326315").PN. OR ("7067920").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L16	25	("5034799"   "5045916"   "5083188"   "5084412"   "5196916"   "5220199"   "5294836"   "5309015"   "5317193"   "5354711"   "5429995"   "5477074"   "5479053"   "5500559"   "5502335"   "5529953"   "5532516"   "5604380"   "5654931").PN. OR ("5990001").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L17	10	("20020000671"   "20020187634"   "20030045088"   "20030178644"   "5284797"   "6143396"   "6187680"   "6803302").PN. OR ("6960836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L18	5	L12 and tungsten near2 plug same aluminum near2 layer same copper near2 layer	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L19	60	tungsten near2 plug same aluminum near2 layer same copper near2 layer	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L20	8	("5893752"   "5904565"   "5916823"   "5939788"   "5968333"   "5969422"   "6017817"   "6037664").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L21	69	L12 and aluminum near2 layer same copper near2 layer	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L22	61	L12 and aluminum near2 layer same copper near2 layer	USPAT	OR	ON	2009/04/10 16:51

L23	56	L22 not L19	USPAT	OR	ON	2009/04/10 16:51
L24	311	L12 and copper and aluminum and tungsten	USPAT	OR	ON	2009/04/10 16:51
L25	10	("5529953"   "5612254"   "5939788"   "6123992"   "6165898"   "6225207"   "6284642"   "6313003"   "6319813"   "6319821").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L26	6	("20020063337"   "20030036256"   "20030173668"   "20030194863"   "6372586"   "6410435").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L27	12	("4933743"   "5595936"   "5619071"   "5635763"   "5710462"   "5739049"   "5767010"   "5932907"   "5939788"   "6008114"   "6150206"   "6194309").PN. OR ("6545358").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L28	2	"20040021227".pn. and (aluminum copper tungsten)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L29	1617	(257/762).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/10 16:51
L30	140	L29 and copper with plug	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L31	0	("6,545,358.pn.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/10 16:51
L32	2	"6,545,358".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51

L33	1	L32 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L34	12	("4933743"   "5595936"   "5619071"   "5635763"   "5710462"   "5739049"   "5767010"   "5932907"   "5939788"   "6008114"   "6150206"   "6194309").PN. OR ("6545358").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L35	21	("5034799"   "5446311"   "5471093"   "5500558"   "5517060"   "5525827"   "5548159"   "5554864").PN. OR ("5710462").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L36	125	("4418470"   "4648087"   "4797785"   "5070317"   "5095357"   "5227659"   "5279988"   "5396101").PN. OR ("5446311").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L37	8	("4418470"   "4648087"   "4797785"   "5070317"   "5095357"   "5227659"   "5279988"   "5396101").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L38	62	("3647585"   "3890636"   "3925880"   "4899435").PN. OR ("5034799").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L39	23	("4899439"   "4920639"   "5034799"   "5117276"   "5413962"   "5708303"   "5882963"   "6037248"   "6091149"   "6143641").PN. OR ("6218282").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L40	62	("3647585"   "3890636"   "3925880"   "4899435").PN. OR ("5034799").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51

L41	29	("3801880"   "4954459"   "5077238"   "5317192").PN. OR ("5500558").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L42	74	("3473160"   "4197555"   "4706216"   "4827325"   "4866508"   "4893170"   "4899439"   "4910417"   "4924287"   "4933738"   "4949257"   "4960729"   "5027027"   "5034799"   "5036178"   "5049969"   "5068063"   "5095352"   "5095356"   "5111273"   "5128601"   "5132571"   "5138194"   "5191241"   "5260597"   "5309015"   "5329152"   "5341041"   "5367392"   "5404033"   "5420544"   "5512765"   "5526278"   "5545904"   "5550839"   "5565758"   "5581098"   "5619062"   "5679967"   "5684412"   "5684812"   "5687325"   "5723883"   "5751165"   "5757207"   "5781033"   "5789807"   "5798559"   "5815003"   "5815726"   "5818728"   "5825202"   "5825203"   "5861641"   "5883525"   "5898318"   "5903490"   "5959466"   "6020755"   "6078088"   "6188095").PN. OR ("6476493").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L43	2	"4764804".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51

L44	95	("3675089"   "3686748"   "3761783"   "3922775"   "3961103"   "4339870"   "4571447"   "4582954"   "4651192"   "4703339").PN. OR ("4764804").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L45	18	("4764804"   "4945451").PN. OR ("5299091").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L46	11	("5034347"   "5299091"   "5621616"   "5798297"   "5811352"   "5880010"   "5896271"   "5902120"   "5955781"   "6146982").PN. OR ("6432809").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L47	70	jeremy with luks.xa.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L48	144	andujar.xa.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L49	5	("6707073").URPN.	USPAT	OR	ON	2009/04/10 16:51
L50	2	"6545358".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L51	2	"5117276".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L52	2	"6218282".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L53	20	("20020030189"   "20020197771"   "20030025118"   "20030174275"   "5978061"   "6187605"   "6307751"   "6372608"   "6468438"   "6592969").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L54	11588	(Liquid near1 crystal near1 display).ti.	USPAT; USOCR	OR	ON	2009/04/10 16:51
L55	11585	(Liquid adj crystal near1 display).ti.	USPAT; USOCR	OR	ON	2009/04/10 16:51

L56	11577	(Liquid adj crystal adj display).ti.	USPAT; USOCR	OR	ON	2009/04/10 16:51
L57	11571	(Liquid adj crystal adj display).ti.	USPAT	OR	ON	2009/04/10 16:51
L58	7515	(Liquid adj crystal adj display).ti. and thin adj film	USPAT	OR	ON	2009/04/10 16:51
L59	5176	(Liquid adj crystal adj display).ti. and thin adj film and glass	USPAT	OR	ON	2009/04/10 16:51
L60	367	(Liquid adj crystal adj display).ti. and thin adj film and glass with laminat\$	USPAT	OR	ON	2009/04/10 16:51
L61	203	(Liquid adj crystal adj display).ti. and thin adj film and glass with laminat\$ and etch\$3	USPAT	OR	ON	2009/04/10 16:51
L62	1	"6,545,358".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L63	1	L62 and interlayer	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L64	0	L62 and interlayer with (made can adj be)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L65	0	L62 and interlayer same (made can adj be)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L66	0	L62 and interlayer same (made can near be)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L67	0	L62 and interlayer same1 (made can near be)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L68	6674550	L62 and interlayer same \$1 can near2 be	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L69	0	L62 and interlayer same can near2 be	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L70	0	L62 and (interlayer and can near2 be)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L71	1	L62 and (interlayer same"can be")	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L72	1	L62 and silicon adj oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51

L73	3010	(inter\$3metal near2 dielectric IMD inter \$3dielectric near2 layer IDL) and (silicon near1 oxynitride silicon near1 oxide and silicon near1 nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L74	387	(inter\$3metal near2 dielectric IMD inter \$3dielectric near2 layer IDL) with (silicon near1 oxynitride silicon near1 oxide and silicon near1 nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L75	201	(inter\$3metal near2 dielectric IMD inter \$3dielectric near2 layer IDL) with (silicon near1 oxynitride silicon near1 oxide and silicon near1 nitride)	USPAT	OR	ON	2009/04/10 16:51
L76	25	(inter\$3metal near2 dielectric IMD inter \$3dielectric near2 layer IDL) with (silicon near1 oxynitride and silicon near1 oxide and silicon near1 nitride)	USPAT	OR	ON	2009/04/10 16:51
L77	59	capping near1 layer with (titanium near1 nitride or TiN) with (titanium near1 tungsten or TiW)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L78	2643	copper with barrier with TiN	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L79	26	copper near2 barrier with TiN same tungsten with plug	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L80	123	copper near1 seed with TiN	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L81	0	capping near1 layer with (titanium near1 nitride or TiN) with better with (titanium near1 tungsten or TiW)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L82	5	barrier with (titanium near1 nitride or TiN) with better with (titanium near1 tungsten or TiW)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51



L83	21	barrier with (titanium near1 nitride or TiN) with improve with (titanium near1 tungsten or TiW)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L84	26	("20020063337"   "20030036256"   "20030173668"   "20030194863"   "5117276"   "5272101"   "5827782"   "5969422"   "6218282"   "6372586"   "6410435"   "6476493"   "6545358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L85	0	"6545358".pn. and plug with aluminum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L86	0	"6545358".pn. and plug with aluminun	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L87	1	"6545358".pn. and aluminum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L88	1	"6545358".pn. and aluminum same plug	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L89	0	first adj aluminum adj plug same second adj tungsten adj plug	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L90	0	first adj aluminum adj plug and second adj tungsten adj plug	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L91	84	aluminum adj plug same tungsten adj plug	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L92	2	"20050127516".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51

L93	12	("20020063337"   "20030036256"   "20030173668"   "20030194863"   "6372586"   "6410435").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L94	4098461	via wiht tungsten with line with copper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L95	339	via with tungsten with line with copper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L96	159	via with tungsten with line with copper	USPAT	OR	ON	2009/04/10 16:51
L97	11	tungsten near1 plug with copper near1 line	USPAT	OR	ON	2009/04/10 16:51
L98	13	tungsten near1 plug same copper near1 line	USPAT	OR	ON	2009/04/10 16:51
L99	2	L98 not L97	USPAT	OR	ON	2009/04/10 16:51
L100	10	tungsten near1 plug same copper near1 line	US-PGPUB	OR	ON	2009/04/10 16:51
L101	2	"20050127516".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L102	1540	(257/763).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/10 16:51
L103	566	L102 and copper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L104	430	L102 and copper	USPAT	OR	ON	2009/04/10 16:51
L105	2	("5990001"   "6326315").PN. OR ("7067920").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51

L106	25	("5034799"   "5045916"   "5083188"   "5084412"   "5196916"   "5220199"   "5294836"   "5309015"   "5317193"   "5354711"   "5429995"   "5477074"   "5479053"   "5500559"   "5502335"   "5529953"   "5532516"   "5604380"   "5654931").PN. OR ("5990001").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L107	10	("20020000671"   "20020187634"   "20030045088"   "20030178644"   "5284797"   "6143396"   "6187680"   "6803302").PN. OR ("6960836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L108	5	L102 and tungsten near2 plug same aluminum near2 layer same copper near2 layer	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L109	60	tungsten near2 plug same aluminum near2 layer same copper near2 layer	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L110	8	("5893752"   "5904565"   "5916823"   "5939788"   "5968333"   "5969422"   "6017817"   "6037664").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L111	69	L102 and aluminum near2 layer same copper near2 layer	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L112	61	L102 and aluminum near2 layer same copper near2 layer	USPAT	OR	ON	2009/04/10 16:51
L113	56	L112 not L109	USPAT	OR	ON	2009/04/10 16:51
L114	311	L102 and copper and aluminum and tungsten	USPAT	OR	ON	2009/04/10 16:51

L115	10	("5529953"   "5612254"   "5939788"   "6123992"   "6165898"   "6225207"   "6284642"   "6313003"   "6319813"   "6319821").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L116	6	("20020063337"   "20030036256"   "20030173668"   "20030194863"   "6372586"   "6410435").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L117	12	("4933743"   "5595936"   "5619071"   "5635763"   "5710462"   "5739049"   "5767010"   "5932907"   "5939788"   "6008114"   "6150206"   "6194309").PN. OR ("6545358").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L118	2	"20040021227".pn. and (aluminum copper tungsten)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L119	1617	(257/762).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/10 16:51
L120	140	L119 and copper with plug	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L121	0	("6,545,358.pn.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/10 16:51
L122	2	"6,545,358".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L123	1	L122 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51

L124	12	("4933743"   "5595936"   "5619071"   "5635763"   "5710462"   "5739049"   "5767010"   "5932907"   "5939788"   "6008114"   "6150206"   "6194309").PN. OR ("6545358").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L125	21	("5034799"   "5446311"   "5471093"   "5500558"   "5517060"   "5525827"   "5548159"   "5554864").PN. OR ("5710462").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L126	125	("4418470"   "4648087"   "4797785"   "5070317"   "5095357"   "5227659"   "5279988"   "5396101").PN. OR ("5446311").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L127	8	("4418470"   "4648087"   "4797785"   "5070317"   "5095357"   "5227659"   "5279988"   "5396101").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L128	62	("3647585"   "3890636"   "3925880"   "4899435").PN. OR ("5034799").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L129	23	("4899439"   "4920639"   "5034799"   "5117276"   "5413962"   "5708303"   "5882963"   "6037248"   "6091149"   "6143641").PN. OR ("6218282").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L130	62	("3647585"   "3890636"   "3925880"   "4899435").PN. OR ("5034799").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L131	29	("3801880"   "4954459"   "5077238"   "5317192").PN. OR ("5500558").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51

L132	74	("3473160"   "4197555"   "4706216"   "4827325"   "4866508"   "4893170"   "4899439"   "4910417"   "4924287"   "4933738"   "4949257"   "4960729"   "5027027"   "5034799"   "5036178"   "5049969"   "5068063"   "5095352"   "5095356"   "5111273"   "5128601"   "5132571"   "5138194"   "5191241"   "5260597"   "5309015"   "5329152"   "5341041"   "5367392"   "5404033"   "5420544"   "5512765"   "5526278"   "5545904"   "5550839"   "5565758"   "5581098"   "5619062"   "5679967"   "5684412"   "5684812"   "5687325"   "5723883"   "5751165"   "5757207"   "5781033"   "5789807"   "5798559"   "5815003"   "5815726"   "5818728"   "5825202"   "5825203"   "5861641"   "5883525"   "5898318"   "5903490"   "5959466"   "6020755"   "6078088"   "6188095").PN. OR ("6476493").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L133	2	"4764804".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L134	95	("3675089"   "3686748"   "3761783"   "3922775"   "3961103"   "4339870"   "4571447"   "4582954"   "4651192"   "4703339").PN. OR ("4764804").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51

L135	18	("4764804"   "4945451").PN. OR ("5299091").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L136	11	("5034347"   "5299091"   "5621616"   "5798297"   "5811352"   "5880010"   "5896271"   "5902120"   "5955781"   "6146982").PN. OR ("6432809").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L137	70	jeremy with luks.xa.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L138	144	andujar.xa.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L139	5	("6707073").URPN.	USPAT	OR	ON	2009/04/10 16:51
L140	2	"6545358".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L141	2	"5117276".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L142	2	"6218282".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L143	20	("20020030189"   "20020197771"   "20030025118"   "20030174275"   "5978061"   "6187605"   "6307751"   "6372608"   "6468438"   "6592969").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L144	11588	(Liquid near1 crystal near1 display).ti.	USPAT; USOCR	OR	ON	2009/04/10 16:51
L145	11585	(Liquid adj crystal near1 display).ti.	USPAT; USOCR	OR	ON	2009/04/10 16:51
L146	11577	(Liquid adj crystal adj display).ti.	USPAT; USOCR	OR	ON	2009/04/10 16:51
L147	11571	(Liquid adj crystal adj display).ti.	USPAT	OR	ON	2009/04/10 16:51
L148	7515	(Liquid adj crystal adj display).ti. and thin adj film	USPAT	OR	ON	2009/04/10 16:51

L149	5176	(Liquid adj crystal adj display).ti. and thin adj film and glass	USPAT	OR	ON	2009/04/10 16:51
L150	367	(Liquid adj crystal adj display).ti. and thin adj film and glass with laminat\$	USPAT	OR	ON	2009/04/10 16:51
L151	203	(Liquid adj crystal adj display).ti. and thin adj film and glass with laminat\$ and etch\$3	USPAT	OR	ON	2009/04/10 16:51
L152	1	"6,545,358".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L153	1	L152 and interlayer	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L154	0	L152 and interlayer with (made can adj be)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L155	0	L152 and interlayer same (made can adj be)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L156	0	L152 and interlayer same (made can near be)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L157	0	L152 and interlayer same1 (made can near be)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L158	6674550	L152 and interlayer same\$1 can near2 be	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L159	0	L152 and interlayer same can near2 be	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L160	0	L152 and (interlayer and can near2 be)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L161	1	L152 and (interlayer same"can be")	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L162	1	L152 and silicon adj oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L163	3010	(inter\$3metal near2 dielectric IMD inter \$3dielectric near2 layer IDL) and (silicon near1 oxynitride silicon near1 oxide and silicon near1 nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51



L164	387	(inter\$3metal near2 dielectric IMD inter \$3dielectric near2 layer IDL) with (silicon near1 oxynitride silicon near1 oxide and silicon near1 nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L165	201	(inter\$3metal near2 dielectric IMD inter \$3dielectric near2 layer IDL) with (silicon near1 oxynitride silicon near1 oxide and silicon near1 nitride)	USPAT	OR	ON	2009/04/10 16:51
L166	25	(inter\$3metal near2 dielectric IMD inter \$3dielectric near2 layer IDL) with (silicon near1 oxynitride and silicon near1 oxide and silicon near1 nitride)	USPAT	OR	ON	2009/04/10 16:51
L167	59	capping near1 layer with (titanium near1 nitride or TiN) with (titanium near1 tungsten or TiW)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L168	2643	copper with barrier with TiN	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L169	26	copper near2 barrier with TiN same tungsten with plug	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L170	123	copper near1 seed with TiN	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L171	0	capping near1 layer with (titanium near1 nitride or TiN) with better with (titanium near1 tungsten or TiW)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L172	5	barrier with (titanium near1 nitride or TiN) with better with (titanium near1 tungsten or TiW)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51
L173	21	barrier with (titanium near1 nitride or TiN) with improve with (titanium near1 tungsten or TiW)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/10 16:51

L174	26	("20020063337"   "20030036256"   "20030173668"   "20030194863"   "5117276"   "5272101"   "5827782"   "5969422"   "6218282"   "6372586"   "6410435"   "6476493"   "6545358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L175	2	"5,117,276".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51
L176	2	"6545358".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 16:51

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